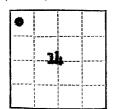
Scout Report sent out	
Noted in the NID File	
Location map pinned	
Approval or Disapproval Letter	
Date Completed, P. & A, or operations suspended	2-3-56
Pin changed on location map	
Affidavit and Record of A & P	
Water Shut-Off Test	
Gas-Oil Ratio Test	
Well Log Filed	D.
FILE NOTATIONS Entered in NID File Entered On S R Sheet Location Map Pinned Card Indexed I W R for State or Fee Land COMPLETION DATA: Date Well Completed OW. WW TA	Checked by Chief Copy NID to Field Office Approval Letter Disapproval Letter Location Inspected Bond released State of Fee Land
Drillar's Log 2 - 24 - 56 Electric Logs (No.) 5 E-100 (1)	LED SR
Lat Mi-L Sonic	Others Ladinativity
- Lyne () Alle	Digmeters



UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Land	Office	·
Lease	No	
Unit	Coder	Mega

SHADDY NOTICES AND DEDODES ON WELL

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	-	SUBSEQUENT REPORT OF ABANDONMENTSUPPLEMENTARY WELL HISTORY	
	<u> </u>	URE OF REPORT, NOTICE, OR OTHER DATA)	
J. H. Ryan Well No1 is located 660 ft. from		N line and 660 ft from line of sec	

M M Section 14

(1/4 Sec. and Sec. No.)

388

SIM

Codar Ness WC (Field)

(Range) San Juan County

(County or Subdivision)

(Meridian)

(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. Ket run yet

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill into the Mississippien formation at an approximate depth of 3700', and will test the Upper Hermoon, Paradox and Lawer Hermoga formations. The Surface formation is Cedar Hesa, Surface casing Approximately 400' of 10-3/h" casing comented to the surface. Production string: Approximately 3700' of 7" OD 23# caming, comented with not less than 300 sacks coment. Muci program: Conventional drilling mud and/er gyp base or salt base mad as required. Logs: Electric logs will be run before setting casing or shandoment. A mid logging unit may be employed. Stimulation treatments such as acid or hydrualic fracturing may be employed. Drill stem Teste: All oil and gas shows will be tested.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. THE CARTER OIL COMPANY Company __ Box 591 Address ___ Vernal, Utah B M Bradley Title Matrict Superintendent

December 1, 1955

The Carter Oil Company Box 591 Vernal, Utah

Attn: B. M. Bradley

Gentlemen:

This is to acknowledge receipt of your Notice of Intention to Frill Well No. J. H. Ryan 1, which is to be located 660 feet from the north line and 660 feet from the west line of Section 14, Township 38 South, Range 18 East, SIM, San Juan County.

Before approval can be given for the drilling of this well, it will be necessary for you to furnish a plat or map as required by Rule C-4 (a), General Rules and Regulations of the Oil and Gas Conservation Commission of the State of Utah. The plat or map should be of sufficient size to show the area within 5,000 feet of the proposed well site.

Yours very truly.

HERBERT F SMART COMMISSIONER

cc: D. Russell Geological Survey Federal Eldg, City

Box 591 Vernal, Utah Dec. 2, 1955

The State of Utah
Oil and Gas Conservation Commission
Salt Lake City 14, Utah

Attn: Mr. H. F. Smart

Gentlemen:

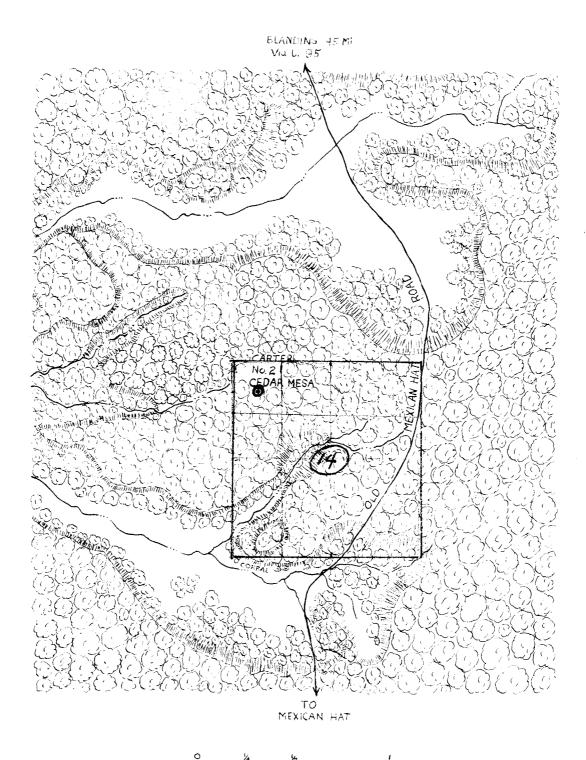
We have received your letter of December 1st requesting that we furnish a map or plat of the location of our J. H. Ryan Well No. 1 before you could approve the drilling of this well.

We are forwarding herewith a plat certified by the engineer who made the location, also a map prepared from aerial photographs upon which the location is spotted. We trust that these papers will enable you to give your approval to the drilling of this well.

Yours very truly,

B. M. BRADLEY

By Chas. C. Johnson



(J. H. RYAN No 1)
LOCATION of CEDAR MESA No.2, From Areal Photographs

San Juan County, Utah

December 5, 1955

The Carter Oil Company Box 591 Vernal, Utah

Attn: B. M. Bradley

Gent lemen:

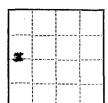
This is to acknowledge receipt of your letter of December 2, 1955, and the plate attached thereto.

Please be advised that approval to drill Well No. J. H. Ryan 1 660 feet from the north line and 660 from the west line of Section 11, Township 38 South, Range 18 East, SIM, San Juan County is hereby granted as requested.

Yours very truly,

HERBERT F. SMART COMMISSIONER

cc: D. Russell Ceological Survey Federal Bldg, City



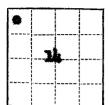
UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

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ease No.	3-0136
nit	2ad - Wash

NOTICE OF INTENTION TO DOUG	
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Passing
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(% sec. and sec. No.) (Twp.)	(Meridian)
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he elevation of the derrick floor above sea le	evel is 550 ft.
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tate names of and expected depths to objective sands; show si ing points, and all	zes, weights, and lengths of proposed casings; indicate mudding jobs, cement other important proposed work)
	and the second of the second o
2 Nor Controlliners over bottom 2 pipe free. Commented with 80 sta Comment mixed w/1 Ca Cle and 1	i-55, 5-3, New Smis Next'l Cog 14 6 123.69° Jt. apport (12.73°) and tack welded. Ran Jte. Gire for 30 minutes. Circ good - Air entraised cat followed by 210 size Cel. Wix time 13 min Pump time 6 min. re thre-east. Apprex 25 mks cat returns.
Fir Controlliners over betten 2 pipe free. Commented with 80 she Comment mixed w/16 Ca Cl., and he play hat with 1100 pei. Good si	The apart (\$2.7)") and test welded. Res Jie. Gire for 30 minutes. Circ good - Air entraised cut followed by 210 she Gel. No time 1) at a
For Controlliners over betten a pipe free. Commended with 80 ster commend with 80 ster commend with 1100 period of the controlline with 11	the Circ for 10 minutes. Circ good - Air entrained cut followed by 210 she Cel. Mix time 1) min Pump time 6 min. re thre-ent. Approx 25 mks cut returns.
I understand that this plan of work must receive approval in	The Circ for 10 minutes. Circ good - Air entraised cut fellowed by 210 ske Cel. Mix time 1) min Pump time 6 min. re throward. Approx 25 mkm cut returns.
I understand that this plan of work must receive approval in	N. spart (\$2.7)" and tack welded. Ran jie. Circ for 10 minutes. Circ good - Air entraised cut fellowed by 210 else Cel. Mix time 1) min Pump time 6 min. To throwart. Approx 25 min cut returns.
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U. S. GOVERNMENT PRINTING OFFICE 16-8437-5

Form 9-331a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office	Utah
Lease No	09866-#
Unit Code	r Hopa

SUNDRY	NOTICES A	ND REPOR	RTS ON WE	LLS
NOTICE OF INTENTION TO DRILL_		SUBSEQUENT REP	ORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE	PLANS	ll .	ORT OF SHOOTING OR ACIE	1
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understand that this plan of wo	ork must receive approval in v	writing by the Geologic	al Survey before operations	may be commenced.
mpany THE CARTER	OIL COMPANY			
dress Box 591	·			
Vernal, Uta	h		DY (ORIGINAL) B. M.	
	•	Title	B M Bradle Matriot Superi	y ntendent



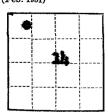
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Land Off	ice	An amountaine	
Lease No	09866-		

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

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mpany THE CANTER OIL			* .	
dress Box 591				
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			-	UNHOLLY
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UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Budget Bureau 42-R358	.3.
Approval expires 12-31-	55.

Lease No. Unit Cedar Hega

Land Office

16-8437-5 Matrict Superintendent

- JA

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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Land	Office The
Lease	No. 09866-7
Unit	Codar None

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OTICE OF INTENTION TO ABANDON WE	LL	rt of MII Star Fost	
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		d lengths of proposed casings; indicate mu t proposed work)	
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187 /3 - TD 2722', Pa in 25 minutes. Bypas	pjective sands; show sizes, weights, an ing points, and all other importantiates at 2677. Tool seed tool takes dead	d lengths of proposed casings; indicate mut proposed work) open 2 hours, week init	ial blow-
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	the Sout	worth h, Ra	t West 1/4 Co nge 18	rne	r of S	ection]	North from	3 9
Elevation	n noi	10	•	•	······			

San Juan County

Utah

Scale-4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

Registered Land Surveyor.

Surveyed Surveyed

November 9 & 10

10 55

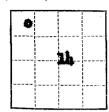




Utah

Land Office

Lease No. 09866-F Codar Kosa Unit



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

(SUBMIT IN TRIPLICATE)

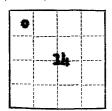
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Budget Bureau 42-R358.3. Approval expires 12-31-55.
Land Offic	Uteh
Lease No.	09866-P
Unit	der News

SUMDICT IN	OTICES AND REPORTS ON WELLS	
OTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
TICE OF INTENTION TO CHANGE PLANS.		1
FICE OF INTENTION TO TEST WATER SH	HUT-OFFSUBSEQUENT REPORT OF ALTERING CASING	1
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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Lease No. USA6-F Unit Cadar Kasa

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NOTICE OF INTENTION TO ABANDON	WELL	
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Coder Hose WC	, -,	
(Field)	Son Juan (County or S	Subdivision) (State or Territory)
Intend to plug and 20 sack casent p 12 sack casent p 17 sack casent p	dog 2,157' - 2, dog 110' -	3661 (741)
To install a ha dry	hole marker in	cellar, extending h' showe ground level
Verbal approval from	m Mr. D. F. Russ	ell 2-1-56.
	must receive approval in we	iting by the Geological Survey before operations may be commenced.
	VLI WATEREL	
Address Box 591		W. Mary
Vernel, Ut.	<u> </u>	By COTY (SEARCE) S. M. CORDIEY
		B M Bradley
		Title Tistrict Superint endent

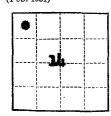




Utah

Land Office ...

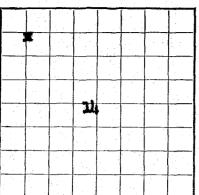
Lease No. 09866-T Codar Mesa Unit ____



UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

(SUBMIT IN TRIPLICATE)

	SUNDRY	NOTICES A	ND REP	ORTS ON WELL	.S
NOTICE OF	INTENTION TO DRILL		SUBSEQUEN	T REPORT OF WATER SHUT-OFF	
NOTICE OF	INTENTION TO CHANGE PL	ANS	SUBSEQUEN	T REPORT OF SHOOTING OR ACIDIZIN	G
	INTENTION TO TEST WATER	1	II .	T REPORT OF ALTERING CASING	į.
	INTENTION TO RE-DRILL O		II	T REPORT OF RE-DRILLING OR REPAI	
	INTENTION TO SHOOT OR . INTENTION TO PULL OR AL		ll l	T REPORT OF ABANDONMENTTARY WELL HISTORY	
	INTENTION TO ABANDON W			TART WELL MISTORY	
	(INDICATI	E ABOVE BY CHECK MARK	NATURE OF REPOR	RT, NOTICE, OR OTHER DATA)	
	H Ryan		Wester	February 3, 1956	, 19
Vell No	Ī	ed 660 ft. from	$\begin{cases} \mathbf{N} \\ \mathbf{c} \end{cases}$ line an	d 660 ft. from W line	of sec. 14
	ection li	388	18e	SIM	
(% S Cedar H	ec. and Sec. No.)	(Twp.) San J	(Range)	(Meridian)	
	(Field)		r Subdivision)	(State or Territo	rw)
42 a	ugged and aband ack cement plug ack cement plug ack cement plug	2,457 to 2,40 40' to 366	7' 	3,3941:	
	ls between plug hols marker com			nds h ^t above gound le	vel.
I understa	and that this plan of work r	must receive approval in	writing by the Ge	ological Survey before operations ma	y be commenced.
ompany	Martin of a william of a print				
ddress	Box 591				
	Vernal, Utah			By Bratis	i. Diadley
			T	B H Bradley itle Matriot Supering	
		II S GOVERNME	NT PRINTING OFFICE]	14.3 E. 10 Super 14.6.	STEEDING.



U. S. LAND OFFICE ________

SERIAL NUMBER 09866-F LEASE OR PERMIT TO PROSPECT.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOC	CATE WELL	- CORRECTLY								
Compa	any Th	e Carter	Al Comp	mil.	Ad	dress	Box 591, V	ernel.	na	
Lessor	or Tract	J E Rym	.		Fie	ld Cod	ar Year VC	State	<u> </u>	L
Well N	To 1	Sec. _	T. 386 R	. 18 £ M	eridian S	U1	Cot	inty 3m	à Jam	
Location	on .660	ft. S. of	Line a	nd -660 f	$\mathbf{t}.egin{pmatrix} \mathbf{E}. \\ \mathbf{W}. \end{pmatrix}$ of \mathbb{R}	t Lin	e of Sec 14	<u> </u>	Eleve	tion 6583
						rect re	cord of the w	ell and al	l work d	lone thereon
so far	as can be	determined f	rom all av		ecords. Signed	C	OV (ORIGINAL)	B. M. B?	ADLEY	
Date -	FE	B 17 1956	- -		J		Title_IX	trict A	eportud	madent
		ry on this pa		he condit	tion of the	well at	above date.			
\mathbf{Comm}	enced dril	lingDec	mber 11		9. 55 Fi	nished o	lrilling Feb	roary 2		, 19. 56 .
			OI	 ************************************	AS SAND		ZONES			
No. 1.	from	10	to 33		(Denote gas b		m _ 2810	to	28 1	
		22				No. of the second	m -3184	T		
		90					n			
					ANT WAT	ER SA	NDS		terin a lindi Tojekani	
No. 1,	fromNe	No	_ to		No	. 3, fro	n	to)	
No. 2,	from		_ to		No	. 4, fro	m	to)	
				CA	SING REG	CORD				
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of si	oe Cut	and pulled from	Perfor From—	rated To—	Purpose
10-3/h	32.75	Ord		386	HOWOO		-0			Surface
	7. T.T.					.1				
					12 3 S					
					-5		*			
			MUDE	ING AN	ID CEMEI		RECORD			
Size casing	Where se	t Numb	er sacks of ce	ment	Method us	ed	Mud gravity	An	nount of m	ud used
10-3 /h			18 0		- Hallibu	eten -				
		<u>-</u>						-	<u>-1</u>	<u></u>
				PLUGS	AND AE	APTEF		.		
	ng plug—N				Length			Depth set		
Adapte	ers—Mate	rial		SHO	Size OTING R	ECORD				·····
Size	She	ell used	Explosive u		Quantity	Date	Depth shot		Depth clean	led out

1 1 1 1 1	Y	
1	0	

	Where set	N	umber sacks	of cement	Method us	sed	Mud gravity	Amount of mud used
-3/L	3961		280		Hallibu	rten		
<u></u>				DI III	GS AND AD	- 4 DTER		
eaving	g plug—M	laterial						oth set
· · · · · ·								
			:		OOTING RE	47 10 10 10 10 10		
Size	Shel	l used	Expios	ive used	Quantity	Date	Depth shot	Depth cleaned out
	1				TOOLS US	ED		
otary t	tools were	used fro	m				and from	feet tofeet
								feet to feet
					DATES			
		(~70	, 19.					, 19
	- -							% was oil;%
				5 sediment.				÷
If ga	as well, c	u. ft. per	24 hours		Gallo	ons gaso	line per 1,000 d	eu. ft. of gas
Rocl	k pressur	e, lbs. pe	r sq. in.					
					EMPLOYE	ES		
	and the second second			T)!!!or		it sala it j		D.:ilou
				, Driller				Driller
				, Driller	r	ere di grande di		, Driller , Driller
				, Driller	r MATION RI	ere di grande di		, Driller
FEOM				, Driller	r MATION RI	ere di grande di		, Driller
		ТО-		FOR	MATION RI	ECORD	FORMA	TION Driller
	rface			, Driller	MATION RI	ECORD	FORMA	, Driller
		ТО-		FOR	MATION RI	ecord mian o mistor	tiler Format e, red to pi ded red to g	Driller FION Sion - Cedar Masa Member ink to white, with some reen shale and trace
Su	rface	то- 8581		FOR TOTAL FEI	MATION RI	ecord miss of material repus i	utler Format e, red to pi ded red to g n lower part	Driller Fion - Cedar Masa Member This to white, with some creen shale and trace
Su:	rface	858°		FOR TOTAL FEI	Per Sa in Sy Per In	ecord mian o mdeton terbed penm i mian o	otler Format e, red to pi ded red to g n lower part utler Format ded red to b	Driller FION Sion - Cedar Mesa Member ink to white, with some green shale and trace in the contract of the c
Su:	rface	то- 8581		FOR TOTAL FEI	Per Sa in Sy Per In Per	ecord mian o miano reva i mian o aterbed mian R	tiler Formation, red to pided red to grant utler Formation Formation	cion - Cedar Masa Members to white, with some reen shale and trace sion - Halgaito Members orewa shale & siltstone on: Interiedded red to
Su:	rface	858°		FOR TOTAL FEI	Per Sa in Per In Per Sr	mian Condeton terbed peum i mian Conterbed mian R	tiler Formation, red to pided red to grant utler Formation Formation	Driller Cion - Cedar Mesa Members Ink to white, with some resen shale and trace io don - Halgaito Members crown shale & siltstone on: Interkedded red to shale with thin red to
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Su:	rface 8' 30'	858° 1130		## Driller FOR TOTAL FEE ## 858 ** 272 ** 204 **	Per Er Fer Er	mian Condeton terbed mian Conterbed mian Revenue II may lim ma	rormatical formatical	pion - Cedar Maga Members ink to white, with some green shale and trace in a large to make a siltstone in a Interpedded red to shale with thin red to have gray to red brown have gray to red brown in the some gray to red brown in the soull i
858 113	rface 8' 30'	858° 1130		## Driller FOR TOTAL FEE ## 858 ** 272 ** 204 **	Per ET Per ET	mian Condeton terbed peum i mian Conterbed mian R ray sil ray lim maylva mine I	rotler Format e, red to pi ded red to g n lower part utler Format ded red to t ioo Formatic tstone and a estone beds, nian Hermosa inestone wit iltstone and misn Hermosa	pion - Cedar Mesa Members ink to white, with some green shale and trace in the manufacture of the shale with thin red to shale with thin red to he some gray to red brokens. Interestion - Upper New the some gray to red brokens.
858 113	20° 34°	8581 1130 1334 2342		858 · 272 · 204 · 1008	Per Sa in Per In Per Sr gr gr gr gr gr han Ha	mian Condeton terbed peum i mian Conterbed mian R 'ey sil 'ey lim maylva mine I	tiler Format e, red to pi ded red to g n lower part utler Format ded red to t loo Formatio tstone and g estone beds, mian Hermoss imagtone wit iltstone and mism Hermoss Gramular dol	pion - Cedar Masa Members ink to white, with some resen shale and trace in the shale & siltstone in Interbedded red to shale with thin red to have gray to red brok shale. Formation - Upper Her have gray to red brok shale. Formation - Paradox conite with interbedded
858 113	20° 34°	8581 1130 1334 2342		858 · 272 · 204 · 1008	Per Sa in Per Sa	rmian Condeton terbed mian Republican Republ	rocker Format e, red to pi ded red to pi ded red to b ion Formatio tetone and a estone beds mian Hermosa intestone and iltestone and intestone and commissione wit iltestone and commissione with ilteratione and commissione with ilteratione w	pion - Cedar Mesa Members ink to white, with some green shale and trace in the manufacture of the shale with thin red to shale with thin red to he some gray to red brokens. Interestion - Upper New the some gray to red brokens.
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85% 113 133	21 ace 34.	70- 8581 1130 1334 2342		7221	Per Sa in Per Sr	rmian Condeton terbed mian Conterbed mian Revenue I maylva mian I maylva middlimaylva mylva mylv	ttler Format e, red to pi ded red to g n lower part utler Format ded red to t ico Formatic tstone and g estone beds, mian Hermoss imastone wit iltstone and misn Hermoss Granular dol e, gypsum & e part, mian Hermoss buff limesto	pion - Cedar Masa Members ink to white, with some green shale and trace in Interbedded red to shale with thin red to have gray to red brok shale. Formation - Upper Her in some gray to red brok shale. Formation - Paradox is plack shale. Some salt
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BIRCH B. H.